Name of work: Improvemnets To Roads At 1st,2nd,3rd,4th Cross,1st Main Road Kalyana Nagara, 15th C Cross Prashanth Nagara And Surrounding Area In Ward No 13 Shettyhalli Sub-Division

Pre Measurements

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3.								
	Desilt								
	Mallasandra								
	9th A Cross Road								
	RHS								
	From House No#24(Saptagiri Nivasa) to 8th C Cross Road (Mantapa Road)								
		1	30.00	-	-	0.60	0.50	9.00	
		1	20.00	-	-	0.60	0.45	5.40	
		1	2.80	-	-	0.60	0.50	0.84	
		1	17.00	-	-	0.60	0.50	5.10	
	LHS								
	From 8th A Cross Road to 8th B Cross Road								
		1	29.00	-	-	0.60	0.45		
	From 8th B Cross Road to 8th C Cross Road								
		1	26.00	-	-	0.60	0.45	7.02	
	For RCC Drain								
	Kalyana Nagara								
	7th Cross From 3rd Main Road to Dead End								
	LHS								
		1	30.00	1.10	1.10	1.10	0.90	29.70	
		1	30.00	1.10	1.10	1.10	1.00	33.00	
		1	4.50	1.10	1.10	1.10	1.00	4.95	
	RHS								
		1	30.00	1.10	1.10	1.10	0.90	29.70	
		1	30.00	1.10	1.10	1.10	1.00	33.00	
		1	4.50	1.10	1.10	1.10	1.00	4.95	
	Mallasandra								
	9th A Cross Road								
	From House #31 to 8th C Cross Road (Mantapa Road)								
	RHS								
		1	14.00	1.10	1.10	1.10	1.00	15.40	
	Shanthi Layout								
	3rd Cross Road From Main Road to Dead End								
	LHS								
		1	30.00	1.10	1.10	1.10	1.00	33.00	
		1	6.00	1.10	1.10	1.10	1.00	6.60	
	RHS								
		1	30.00	1.10	1.10	1.10	1.00	33.00	
		1	6.00	1.10	1.10	1.10	1.00	6.60	
	For RCC Culvert								
	Kalyana Nagara								
	3rd Main Road at 7th Cross	1	5.00	1.60	1.60	1.60	1.00	8.00	

Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
For SSM Wall								
Near BBMP Office at Ashwath Katte								
	1	8.00	1.50	1.50	1.50	1.05	12.60	
For Asphalt Road								
For Road Cutting Portion								
Prashanth Nagara								
15th C Cross Road								
From 17th Cross to 15th Cross Road								
	2	30.00	1.20	1.20	1.20	0.25	18.00	
	2	30.00	1.20	1.25	1.23	0.25	18.38	
	2	30.00	1.25	1.25	1.25	0.25	18.75	
	2	30.00	1.25	1.35	1.30	0.25	19.50	
	2	11.50	1.35	1.20	1.28	0.25	7.33	
Kalyan Nagara								
7th Cross Guruji Road								
From Pipe line Road to 3rd Cross Road								
	2	30.00	1.30	1.25	1.28	0.25	19.13	
	2	19.00	1.25	1.20	1.23	0.25	11.64	
	2	18.70	1.20	0.95	1.08	0.25	10.05	
	2	18.00	0.95	1.10	1.03	0.25	9.23	
	2	30.00	1.10	0.90	1.00	0.25	15.00	
	2	30.00	0.90	1.20	1.05	0.25	15.75	
	2	17.60	1.20	1.20	1.20	0.25	10.56	
	2	17.40	1.20	1.10	1.15	0.25	10.01	
	2	29.20	1.10	1.10	1.10	0.25	16.06	
For CC Road								
Shanthi Layout								
3rd Cross Road(LHS) From Main road to Dead End								
	1	15.00	5.40	5.70	5.55	0.30	24.98	
	1	15.00	5.70	5.50	5.60	0.30	25.20	
	1	7.50	5.50	5.50	5.50	0.30	12.38	
Deductions								
Trees Area	-3	0.30	0.20	0.20	0.20	0.30	-0.05	
Electrical Pole	-1	0.20	0.20	0.20	0.20	0.30	-0.01	
						Present Qty	**547.55**	**Cum**

Contractor Representative

Assistant Engineer 20/11/2021
Ward No.13

Asst. Executive Engineer
Yeshwanthpur Sub Division
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

Name of work: Improvemnets To Roads At 1st,2nd,3rd,4th Cross,1st Main Road Kalyana Nagara, 15th C Cross Prashanth Nagara And Surrounding Area In Ward No 13 Shettyhalli Sub-Division

Pre Measurements

m o	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
2	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.								
	For RCC Drain								
	Kalyana Nagara								
	7th Cross From 3rd Main Road to Dead End								
	LHS								
		1	30.00	1.10	1.10	1.10	0.15	4.95	
		1	30.00	1.10	1.10	1.10	0.15	4.95	
		1	4.50	1.10	1.10	1.10	0.15	0.74	
	RHS								
		1	30.00	1.10	1.10	1.10	0.15	4.95	
		1	30.00	1.10	1.10	1.10	0.15	4.95	
		1	4.50	1.10	1.10	1.10	0.10	0.50	
	Mallasandra								
	9th A Cross Road								
	From House #31 to 8th C Cross Road (Mantapa Road)								
	RHS								
		1	14.00	1.10	1.10	1.10	0.15	2.31	
	Shanthi Layout								
	3rd Cross Road From Main Road to Dead End								
	LHS								
		1	30.00	1.10	1.10	1.10	0.15	4.95	
		1	6.00	1.10	1.10	1.10	0.15	0.99	
	RHS								
		1	30.00	1.10	1.10	1.10	0.15	4.95	
		1	6.00	1.10	1.10	1.10	0.15	0.99	
	For RCC Culvert								
	Kalyana Nagara								
	3rd Main Road at 7th Cross	1	5.00	1.60	1.60	1.60	0.15	1.20	
	For SSM Wall								
	Near BBMP Office at Ashwath Katte								
		1	8.00	1.50	1.50	1.50	0.15	1.80	
	For CC Road								
	Shanthi Layout								
	3rd Cross Road(LHS) From Main road to Dead End								
		1	15.00	5.40	5.70	5.55	0.15	12.49	

Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	1	15.00	5.70	5.50	5.60	0.15	12.60	
	1	7.50	5.50	5.50	5.50	0.15	6.19	
Deductions								
Trees Area	-3	0.30	0.20	0.20	0.20	0.15	-0.03	
Electrical Pole	-1	0.20	0.20	0.20	0.20	0.15	-0.01	
						Present Qty	**69.47**	**Cum**

tractor Representative

Assistant Engineer
Ward No 13

02/12/2021

Asst Executive Engineer
Sheshadri Sub division

02.12.21

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಶೇಷಾದ್ರಿ ಉಪವಿಭಾಗ
ಜಪಾಂಪ, ಬೆಂಗಳೂರು

me of work: Improvemnets To Roads At 1st,2nd,3rd,4th Cross,1st Main Road Kalyana Nagara, th C Cross Prashanth Nagara And Surrounding Area In Ward No 13 Shettyhalli Sub-Division

Detailed Measurements

Discription of Item	No	Length	Breadth	D1	D2	Avg Depth	Qty	Unit
Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm								
For Bottom Raft								
For RCC Drain								
Kalyana Nagara								
7th Cross From 3rd Main Road to Dead End								
LHS								
	1	30.00	0.90	0.15	0.15	0.15	4.05	
	1	30.00	0.90	0.15	0.15	0.15	4.05	
	1	4.50	0.90	0.15	0.15	0.15	0.61	
RHS								
	1	30.00	0.90	0.15	0.15	0.15	4.05	
	1	30.00	0.90	0.15	0.15	0.15	4.05	
	1	4.50	0.90	0.15	0.15	0.15	0.61	
Mallasandra								
9th A Cross Road								
From House #31 to 8th C Cross Road (Mantapa Road)								
RHS								
	1	14.00	0.90	0.15	0.15	0.15	1.89	
Shanthi Layout								
3rd Cross Road From Main Road to Dead End								
LHS								
	1	30.00	0.90	0.15	0.15	0.15	4.05	
	1	6.00	0.90	0.15	0.15	0.15	0.81	
RHS								
	1	30.00	0.90	0.15	0.15	0.15	4.05	
	1	6.00	0.90	0.15	0.15	0.15	0.81	
For RCC Culvert								
Kalyana Nagara								
3rd Main Road at 7th Cross	1	5.00	1.40	0.25	0.25	0.25	1.75	
For RCC Side Walls								
For RCC Drain								
Kalyana Nagara								

E.E. (D.D.)

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಪೂರ್ವ ವಲಯ, ಬೆಂಗಳೂರು

Discription of Item	No	Length	Breadth	D1	D2	Avg Depth	Qty	Unit
7th Cross From 3rd Main Road to Dead End								
LHS								
	2	30.00	0.15	0.60	0.60	0.60	5.40	
	2	30.00	0.15	0.60	0.55	0.58	5.18	
	2	4.50	0.15	0.55	0.45	0.50	0.68	
RHS								
	2	30.00	0.15	0.60	0.60	0.60	5.40	
	2	30.00	0.15	0.60	0.55	0.58	5.18	
	2	4.50	0.15	0.55	0.45	0.50	0.68	
Mallasandra								
9th A Cross Road								
From House #31 to 8th C Cross Road (Mantapa Road)								
RHS								
	2	14.00	0.15	0.60	0.60	0.60	2.52	
Shanthi Layout								
3rd Cross Road From Main Road to Dead End								
LHS								
	2	30.00	0.15	0.60	0.60	0.60	5.40	
	2	6.00	0.15	0.60	0.53	0.57	1.02	
RHS								
	2	30.00	0.15	0.60	0.60	0.60	5.40	
	2	6.00	0.15	0.60	0.53	0.57	1.02	
For RCC Culvert								
Kalyana Nagara								
3rd Main Road at 7th Cross	2	5.00	0.30	0.60	0.60	0.60	1.80	
Concrete For Bed Protection(Vent Portion)								
Mallasandra								
9th A Cross Road								
RHS								
From House No#24(Saptagiri Nivasa) to 8th C Cross Road (Mantapa Road)								
	1	30.00	0.60	0.10	0.10	0.10	1.80	
	1	20.00	0.60	0.10	0.10	0.10	1.20	
	1	2.80	0.60	0.10	0.10	0.10	0.17	
	1	17.00	0.60	0.10	0.10	0.10	1.02	
LHS								
From 8th A Cross Road to 8th B Cross Road								
	1	29.00	0.60	0.10	0.10	0.10	1.74	
From 8th B Cross Road to 8th C Cross Road								
	1	26.00	0.60	0.10	0.10	0.10	1.56	
Coping For Existing Side Walls								
Mallasandra								

E.E. (D.D.)
E.E. (D.D.)

Discription of Item	No	Length	Breadth	D1	D2	Avg Depth	Qty	Unit
9th A Cross Road								
RHS								
From House No#24(Saptagiri Nivasa) to 8th C Cross Road (Mantapa Road)								
	2	30.00	0.15	0.20	0.20	0.20	1.80	
	2	20.00	0.15	0.20	0.20	0.20	1.20	
	2	2.80	0.15	0.20	0.20	0.20	0.17	
	2	17.00	0.15	0.20	0.20	0.20	1.02	
LHS								
From 8th A Cross Road to 8th B Cross Road								
	2	29.00	0.15	0.20	0.20	0.20	1.74	
From 8th B Cross Road to 8th C Cross Road								
	2	26.00	0.15	0.20	0.20	0.20	1.56	
						Present Qty	**85.41**	**Cum**

E.E. (D.D.)

Contractor Representative

Assistant Engineer
Ward No.13
14/03/2022

Asst. Executive Engineer 14/03/22
Shettyhalli Sub division
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

Name of work: Improvemnets To Roads At 1st,2nd,3rd,4th Cross,1st Main Road Kalyana Nagara, 15th C Cross Prashanth Nagara And Surrounding Area In Ward No 13 Shettyhalli Sub-Division

Pre Measurements

Discription of Item	No of Bars	Cutting Length of Bar	Weight /m in Kgs	Qty	Unit
KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications.Specification No. KBS 4.6.3- TMT Bars Fe 500					
For RCC Drain					
Kalyana Nagara					
7th Cross					
LHS					
Total Drain length=64.50 Mtr					
Main bar 10mm dia bar @ 125mm c/c					
0.62kg/mtr					
	530	2.10	0.62	690.06	
Distribution bar 8mm dia @ 125mm c/c					
0.40kg/mtr	18	64.50	0.40	464.40	
RHS					
Total Drain length=64.50 Mtr					
Main bar 10mm dia bar @ 125mm c/c					
0.62kg/mtr					
	520	2.10	0.62	677.04	
Distribution bar 8mm dia @ 125mm c/c					
0.40kg/mtr	18	64.50	0.40	464.40	
Mallasandra					
9th A Cross Road					
RHS					
Total Drain length=14.00 Mtr					
Main bar 10mm dia bar @ 125mm c/c					
0.62kg/mtr					
	113	2.10	0.62	147.13	
Distribution bar 10mm dia @ 125mm c/c					
0.40kg/mtr	18	14.00	0.62	156.24	
Shanthi Layout					
3rd Cross					
LHS					
Total Drain length=36.00 Mtr					
Main bar 10mm dia bar @ 125mm c/c					
0.62kg/mtr					
	290	2.10	0.62	377.58	

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ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು -73.

Discription of Item	No of Bars	Cutting Length of Bar	Weight /m in Kgs	Qty	Unit
Distribution bar 8mm dia @ 125mm c/c					
0.40kg/mtr	18	36.00	0.40	259.20	
RHS					
Total Drain length=36.00 Mtr					
Main bar 10mm dia bar @ 125mm c/c					
0.62kg/mtr					
	290	2.10	0.62	377.58	
Distribution bar 8mm dia @ 125mm c/c					
0.40kg/mtr	18	36.00	0.40	259.20	
For RCC Culvert					
Culvert @ 7th cross					
Total Drain length=5.00m					
Main bar 12mm dia bar @ 150mm c/c					
0.89kg/mtr					
Top	42	2.40	0.89	89.71	
Bottom	42	2.40	0.89	89.71	
Distribution bar 10mm dia @ 150mm c/c					
0.62kg/mtr Top	22	5.00	0.62	68.20	
Bottom	22	5.00	0.62	68.20	
			Present Qty	**4188.65**	**Kg**
			Present Qty	**4.19**	**Tonne**

ntractor Representative

Assistant Engineer 13/12/2021
Ward No.13

Asst. Executive Engineer 27/12/21
Shettyhalli Sub division
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

Name of work: Improvemnets To Roads At 1st,2nd,3rd,4th Cross,1st Main Road alyana Nagara, 15th C Cross Prashanth Nagara And Surrounding Area In Ward No 13 Shettyhalli Sub-Division

Pre Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
5	Providing and fixing Precast RCC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work, lift charges,curing and concrtee finished surface on both sides etc,and complete as per the directions of Enginner in charges.(Data Rate)						
	For RCC Drain						
	Kalyana Nagara						
	7th Cross From 3rd Main Road to Dead End						
	LHS						
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	4.50	0.90		4.05	
	RHS						
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	4.50	0.90		4.05	
	Mallasandra						
	9th A Cross Road						
	From House #31 to 8th C Cross Road (Mantapa Road)						
	RHS						
		1	14.00	0.90		12.60	
	Shanthi Layout						
	3rd Cross Road From Main Road to Dead End						
	LHS						
		1	30.00	0.90		27.00	
		1	6.00	0.90		5.40	
	RHS						
		1	30.00	0.90		27.00	
		1	6.00	0.90		5.40	
	Missing Slabs						
	Mallasandra						
	9th A Cross Road						
	RHS						
	From House No#24(Saptagiri Nivasa) to 8th C Cross Road (Mantapa Road)						
		1	30.00	0.90		27.00	
		1	20.00	0.90		18.00	
		1	2.80	0.90		2.52	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು